

Appl. No. 09/536,932  
Amdt. dated February 28, 2005  
Reply to Office Action of December 28, 2004

PATENT

**REMARKS/ARGUMENTS**

Claims 27-30 are pending.

In response to the decision on appeal, applicants are filing herewith a Request for Continued Examination and new claims 27-30 for consideration by the Examiner.

It is respectfully submitted that the prior art does not disclose a method of providing an image of a sample with a spectral imaging system wherein the method comprises, among other things, creating an interferogram of the sample by preferentially reflecting a first polarization with a beam supporter to a first turning mirror, preferentially transmitting a second polarization with the beam splitter to a second turning mirror, and combining the first and second polarizations. Accordingly, it is respectfully submitted that claim 27 is allowable. Claims 28-30 depend on claim 27 and therefore, they are allowable for at least the reasons claim 27 is allowable.

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**CONCLUSION**

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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